

EQIP Evaluation Worksheet for Livestock/Poultry and Cropland
 CCC-1201 Supplement, FY 2003 - Pennsylvania (Last Revised 5/02/03)

Resource / Concern / Evaluation	Basic Treatment Level	Points Awarded	Enhanced Treatment Level (must first qualify for basic level)	Points Awarded
SOIL / Sheet & Rill Erosion (Cropland or Livestock) Multiply by 3 for Cropland				
Total annual erosion in excess of T (tons/ac/yr)	Erosion will be reduced to T level and gullies stabilized. Points based on soil saved/yr.		Erosion will be reduced below T level and gullies stabilized. Points based on additional tons of soil saved/yr. under the T level	
>10	20 points		≥ 200 = 8 points	
9	16 points		100-199 = 6 pts.	
8	12 points		50-99 = 4 pts.	
7	8 points		<50 = 2 pts.	
6	4 points			
5	2 points			
<4	0 points			
	total		total	

WATER: Nutrient Management (Cropland or Livestock) Maximum of 20 pts			
Inadequate manure/nutrients handling	(For the next 3 options points based on AU and/or Ac to be treated.) Livestock farm with on farm produced manure, a nutrient mgt. plan will be developed & followed.		
	>100 AU - 10 points		
	61-100 - 8 points		
	20-60 - 5 points		
	<20 - 2 points		
	>150 Ac = 10 points		
	90-150 = 8 points		
	30-90 = 5 points		
	<30 = 2 points		
	Cropland farm importing manure, a nutrient mgt. plan will be developed & followed. Points based on Ac to be treated.		
	>150 Ac = 10 points		
	90-150 = 8 points		
	30-90 = 5 points		
	<30 = 2 points		
	Cropland farm without manure, will follow Agronomy Guide recommendations ¹ . Points based on Ac to be treated.		
	>150 Ac = 5 points		
	90-150 = 3 points		
	30-90 = 2 points		
	<30 = 1 points		
	total		

WATER: Pollution from barnyard runoff (Livestock only)				
Distance of problem to water source ² .	Heavy use area will be protected. Polluted runoff will be filtered (e.g. filter area).		Polluted runoff will be treated (e.g. constructed wetland) prior to land application (HUAP needed) or precipitation doesn't get in contact with manure because the barnyard area is covered or eliminated. (e.g. grazing system or roof).	
< 100 ft.	8 points		5 points	
100 - 250	4 points		3 points	
>250 ft.	2 points		2 points	
AU in barnyard				
>100 AU	8 points		4 points	
61-100	6 points		3 points	
20-60	4 points		2 points	
<20	2 points		1 point	
Livestock in surface water sources.	Livestock will be managed to minimize or eliminate degradation.		Livestock will be excluded except for stable crossings.	
>100 AU	3 points		10 points	
61-100	2 points		8 points	
20-60	1 points		6 points	
<20	0 points		4 points	
	total			

WATER / Milkhouse/Parlor waste water (Livestock only)				
Risk of pollution. Points based on distance of discharge to water source.	Waste water will be treated (e.g. constructed wetland, filter area, or stored prior to land application).			
< 100 ft.	8 points			
100 - 250 ft.	5 points			
> 250 ft.	3 points			
	total			

WATER / Silage Leachate (Livestock only)				
Risk of pollution. Points based on distance of discharge to water source.	Waste water will be treated (e.g. constructed wetland, filter area, or stored prior to land application).			
< 100 ft.	5 points			
100 - 250 ft.	3 points			
> 250 ft.	2 points			
	total			

WATER / Pesticides or other Substances (Cropland or Livestock)				
Pesticide leaching or runoff			Will implement Pest Mgt. Plan = 5 pts.	
Inadequate mixing/loading/cleaning/storing	Corrective measures will be implemented			
< 100 ft. to water source	5			
> 100 ft. to water source	3			
	total			

WATER / Riparian Areas, Stream Corridors (Cropland or Livestock)				
Bare or unstable streambank (moderate to severe)	Will establish protective measures to maintain integrity of stream.		Will establish forested riparian buffer (minimum width 35 ft.; only for 1 st or 2 nd order streams ³)	
Length (total on all banks)				
>1000 ft.	10 points		6 points	
500-999 ft.	8 points		4 points	
200-499 ft.	4 points		2 points	
<200	0 points		0 points	
	total			

WILDLIFE / Habitat Improvement (Cropland or Livestock) Maximum of 25 points				
Little or no habitat for at-risk species ⁴	Will establish one or more of the following practices:			
Less than 1 Ac (total) of 30 ft. Field Border on farm.	Field Borders (30 ft. wide minimum) Minimum 1 Ac = 5 pts.		After first acre 1 point per additional .25 Ac	
Less than 1 Ac (total) of undisturbed grass nesting area	Conservation Cover (327) Minimum 1 Ac = 5 pts.		After first acre 1 point per additional .25 Ac	
Stream segment present without three zone Riparian Forest Buffer	Three zone Riparian Forest Buffer ³ (55 ft. wide minimum)		Three zone Riparian Forest Buffer. ⁵ Points for each additional 10 ft.of width:	
	≥1000 ft. = 10 pts.		≥1000 ft. = 5 pts.	
	500-999 ft. = 8		500-999 ft. = 4	
	200-499 ft. = 4		200-499 ft. = 2	
	<200 = 0		<200 = 0	
Stream segment present without Riparian Herbaceous Cover Buffer	Riparian Herbaceous Cover Buffer (30 ft. wide minimum)		Riparian Herbaceous Cover Buffer. Points for each additional 10 ft.of width:	
	≥1000 ft. = 10pts.		≥1000 ft. = 5 pts.	
	500-999 ft. = 8		500-999 ft. = 4	
	200-499 ft. = 4		200-499 ft. = 2	
	<200 = 0		<200 = 0	
Less than 2 Ac (total) of warm season grasses	Hay Planting with warm season grasses. Minimum 2 Ac = 5 pts.		After first 2 Ac 1 point per additional .5 Ac	

Forestland improvement needed to complement the system.	Will develop a Forest Stewardship Plan or Forest Management Plan. Minimum 1 Ac, = 5 points			
total				

AIR / Quality: Emissions (Cropland or Livestock)				
Neighbors downwind from operation; potential odor problem.	The odor source will be treated to minimize the negative effects. (Choose livestock or cropland)			
Livestock: (AU to be treated)	>100 AU - 5 points			
	61-100 - 3 points			
	20-60 - 2 points			
	<20 - 0 points			
Cropland: (Ac to be treated)	>150 Ac = 5 points			
	90-150 = 3 points			
	30-90 = 2 points			
	<30 = 0 points			
total				

HUMAN/Social (Cropland or Livestock)				
With the contract a RMS ⁷ plan (that includes wildlife concerns) will be implemented.	5 points			
Land under perpetual farmland preservation easement ⁸ .	5 points			
total				
Worksheet Subtotal				
TOTAL				

1 Agronomy Guide recommendations = A soil test is required to follow the table entitled "Fertilizer recommendations".

2 Water source = A stream (intermittent or permanent as indicated on a USGS 7.5 minute quad or in a published soil survey), lake, pond or other permanent water body, sinkhole, water well or permanent flowing spring that is downstream/dowslope from a pollution source.

3 Stream order = Based on solid blue lines on 7.5 min. quads or solid lines in a published soil survey. 1st order are the extreme headwater streams, 2nd order are streams formed by two 1st order streams.

4 Does not need to be threaten or endangered species. In PA the emphasis is on grassland habitat.

5 Three Zone Riparian Buffer = buffer comprising the two forest zones and the herbaceous cover zone described on PATG. Minimum of 55 feet.

6 Forest Management Plan = A plan developed by a Service Forester or forester on PA Bureau of Forestry consulting list.

7 RMS = Resource Management System; highest level of conservation treatment

8 Farmland Preservation Easement: Deed restriction on record at court house.